

**Maryland  
Transportation  
Authority**

Martin O'Malley  
Governor

Anthony Brown  
Lt. Governor

Beverley K. Swaim-Staley  
Chairman

Peter J. Basso  
Rev. Dr. William C. Calhoun, Sr.  
Mary Beyer Halsey  
Louise P. Hoblitzell  
Richard C. Mike Lewin  
Isaac H. Marks, Sr., Esq.  
Michael J. Whitson  
Walter E. Woodford, Jr., P.E.

Ronald L. Freeland  
Executive Secretary

Division of Procurement and  
Statutory Program Compliance  
2310 Broening Highway  
Suite 160  
Baltimore MD 21224  
410-537-6769  
410-537-1044 (fax)  
410-355-7024 (TTY)  
1-866-713-1596

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[www.mdtransportationauthority.com](http://www.mdtransportationauthority.com)

October 20, 2009

**TO ALL PURCHASERS OF CONTRACT DOCUMENTS:**

RE: **Contract No. KH 2263-000-002**  
**Replace 5KV Cable for Rt. 222 Interchange**

**ADDENDUM NO. 2**

To Whom It May Concern:

It is important that you acknowledge receipt of this Addendum No. 2 on the referenced contract regardless if you will be bidding or not bidding.

Very truly yours,

Linda McGill, CPPB  
Chief Procurement Officer

Enclosures

Contract No. **KH 2263-000-002**

This will acknowledge receipt of the attached Addendum No.2.

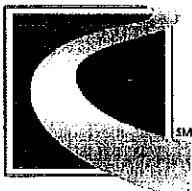
\_\_\_\_\_  
**NAME OF COMPANY**

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**

THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE SHALL BE RETURNED TO THIS OFFICE VIA **FAX AT 410-537-7801**, ATTENTION: MAGGIE JOHNSON PRIOR TO THE BID OPENING DATE.

**IN ADDITION**, THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



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October 20, 2009

TO ALL PURCHASER'S OF CONTRACT DOCUMENTS

**ADDENDUM NO. 2**

RE: Contract No. KH 2263-000-002  
Replace 5KV Cable for Rt. 222 Interchange

To Whom It May Concern:

Attached are the minutes from the Pre-bid Meeting held on October 6, 2009 and the latest Purchaser's List.

The following changes have been made to the Invitation for Bids book:

1. Delete page 058 and replace with page numbered the same dated October 13, 2009 Addendum # 2.

**This project is open for bid to any contractor certified to do business in the State of Maryland and can meet the requirements of the specification.**

The Bid Due Date for the above referenced contract is still scheduled for **October 27, 2009** at 12:00 Noon.

Very truly yours,

Linda McGill, CPPB  
Chief Procurement Officer

LM/mdj

THIS ADDENDUM SIGNED ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



- Interior and exterior of cabinet mill finish stainless steel
- Removable lifting ears

**(d) Loadbreak Apparatus Connector Specification**

- Loadbreak Elbow Connector is a fully rated 200A switching device, designed in accordance to **IEEE Standard 386** – Latest revision
- 200A 15kV Class – Expanded Range Loadbreak Elbow Connector
- Standard Voltage Class: 25 kV
- Maximum Rating Phase-to-Phase: 26.3 kV
- Maximum Rating Phase-to-Ground: 15.2 kV
- AC 60 Hz 1 Minute Withstand: 40 kV
- DC 15 Minute Withstand: 78 kV
- BIL and Full Wave Crest: 125 kV
- Minimum Corona Voltage Level: 19 kV
- Continuous: 200 A rms
- Switching: 10 operations at 200 A rms at 26.3 kV
- Fault Closure: 10,000 A rms symmetrical at 26.3 kV for 0.17 s after 10 switching operations
- Short Time: 10,000 A rms symmetrical for 0.17 s / 3,500 A rms symmetrical for 3.0 s
- The elbow must be sized to the cable insulation diameter
- Select an elbow kit with a capacitive test point for use on a #4 Class B Stranded cable with a minimum insulation diameter of 1.22" and a maximum diameter of 1.73". Jacket seal included in the kit.

**(e) Loadbreak Junction Specification**

- 200A, 15kV Class Loadbreak Junction provided to meet all requirements of **IEEE Standard 386 -- Separable Insulated Connector Systems**
- Two-way Loadbreak Junction with latch indicator rings and adjustable bracket
- Adjustable stainless steel bracket can be mounted with up to 90° tilt from a curved or flat mounting surface in 10° increments.
- Number of interfaces: 2
- Standard Voltage Class: 15 kV
- Maximum Rating Phase-to-Phase: 14.4 kV
- Maximum Rating Phase-to-Ground: 8.3 kV

## **Pre-bid meeting Minutes**

**Contract No. KH2263-000-002  
Replace 5KV Cable for Rt. 222 Interchange  
John F. Kennedy Memorial Highway  
Cecil County**

**October 6, 2009**

The following were in attendance:

Alisha Wright	MdTA Procurement
Ben Mondell	MdTA Procurement
Kataw Say	MdTA Engineer
Mike O'Melia	Pipe & Wires Services, Inc.
James Etchison	Midasco, LLC
Thomas J. Lippe Jr.	Dvorak, LLC

**Ms. Alisha Wright**, from the Division of Procurement and Statutory Program Compliance opened the meeting with a round of introductions.

**This is the Pre-bid for KH-2263-000-002: REPLACE 5KV CABLE FOR RT. 222 INTERCHANGE – JOHN F. KENNEDY MEMORIAL HIGHWAY**

**This project is located at the Maryland Transportation Authority JFK Memorial Highway Administration facility in Cecil County. The purpose of this project is to replace the 5KV feeder beginning at the existing JFK Administration Building transformer pad and terminating at the existing Rt. 222 Interchange transformer pad.**

**The scope of work for this project will include electrical work consisting of replacing the 5KV feeder. A temporary generator feed will be needed to maintain reliable operation of the Rt. 222 lighting, weight station signing, weight station controls, CCTV cameras and traffic lights. All work and materials necessary to provide a complete and functioning system shall be included.**

**The replacement of conduits and concrete pads will require trenching and backfilling. Contractor must contact Miss Utility and test pit all locations for the exact position of cables, conduits, and other underground utilities.**

**Site Visits: If you are interested in a site visit, you need to contact Mr. Dan Sawyer at (410) 537-1118.**

**This contract time for this contract is 120 calendar days. Liquidated damages of \$800.00 per calendar day will be assessed for unauthorized extensions beyond the contracted time of completion.**

1. The bid due date is **Tuesday, October 27, 2009 by 12p.m.** Bid packages must be placed in the bid box located on the first floor of the Engineering Building at the Francis Scott Key Bridge, 300 Authority Drive, Baltimore, MD 21222 and must consist of one complete bid book and all the required documents. Late bids will not be accepted.
2. The Authority does not encourage overnight delivery service. However, If you choose to send your package overnight, the bid should be delivered at least a day in advance to the **Maryland Transportation Authority; Office of Procurement & Statutory Program Compliance; 300 Authority Drive; 1<sup>st</sup> Floor; Baltimore, MD 21222.** It will be the responsibility of the Contractor to make sure that his/her bid package is placed in the bid box. The outside of the mailed package must clearly identify the Contract Number and mention that it is a bid package.
3. The minutes from this meeting will be included in Addendum #1 and distributed to all purchases of the bid documents. The anticipated date for Addendum # 1 is **Tuesday, October 20, 2009.**
4. Please make sure you fill out the Schedule of Prices accurately and completely. Not doing so may render your bid as non-responsive.
5. **This project is open to any contractors certified to do business in the State of Maryland and can meet the requirements of the specification.**
6. Following this meeting, all questions should be in writing, addressed to the **Project Manager Mr. Kataw Say** and sent via fax to 410-537-7801. The Authority will accept written questions until **4pm on Tuesday, October 13, 2009.** Answers to questions will be distributed to all purchases of bid documents.
7. There is no MBE Goal on this project.

This meeting was then opened to questions. The following questions were asked;

**Question:** How long is the power cable?

**Answer:** The power cable is approximately 2600 ft, see schedule of price. The Contractor shall take field measurements prior to ordering cable. The cable is paid per linear foot.

**Question:** What is size of a temporary generator?

**Answer:** Refer to Section 889 - Underground Power Cable. The temporary generator shall be 230KW.

**Question:** How long will temporary generator be needed to maintain the power?

**Answer:** The contractor may not take more than ten (10) minutes to disconnect existing cable from transformer pad and feed temporary power from the generator. A temporary generator shall maintain reliable operation of the Rt. 222 lighting, weight station signing, weight station controls, CCTV cameras, and traffic light until the new 5KV cable is reconnected and energized. The amount of time the generator is needed is dependent on the contractor's work schedule and progress.

  
Approved

## QUESTIONS/ANSWERS

**Question:** This job calls for (1) 5KV above ground handbox and has specifications calling for it to be UL listed. I have been in contact with multiple distributors that deal with this type of equipment and are able to manufacture and build this, however it would not be UL listed. To the best of their knowledge they are not aware of any handbox of this sort that will be able to be ordered and be UL listed. It seems to be a custom design. Do you have any further information on this handbox and or know if it must be UL listed?

**Answer:** Replace with page numbers the same dated October 13, 2009 Addendum #2.

**Question:** Is there a bid bond and/or performance payment bond requirement? What is the percentage amount?

**Answer:** Notice to Bidders, page ii states "A bid bond must accompany all bids of One Hundred Thousand Dollars (\$100,000.00) or more" and page 096 references the bond.

The attached "How To Bid" information gives more detail.

Bids for \$100,000.00 or more must be accompanied with a bid security of 5% of the total bid amount. If your firm is the apparent low bidder, Performance and Payment Bonds of 100% of the bid amount are required in order to execute the contract.

**Question:** How long is the power cable?

**Answer:** The power cable is approximately 2600 ft, see schedule of price. The Contractor shall take field measurements prior to ordering cable. The cable is paid per linear foot.

**Question:** What is size of a temporary generator?

**Answer:** Refer to Section 889 - Underground Power Cable. The temporary generator shall be 230KW.

**Question:** How long will temporary generator be needed to maintain the power?

**Answer:** The contractor may not take more than ten (10) minutes to disconnect existing cable from transformer pad and feed temporary power from the generator. A temporary generator shall maintain reliable operation of the Rt. 222 lighting, weight station signing, weight station controls, CCTV cameras, and traffic light until the new 5KV cable is reconnected and energized. The amount of time the generator is needed is dependent on the contractor's work schedule and progress.

## How To Bid:

- The Maryland Transportation Authority does not pre-qualify contractors, nor do we maintain a Bidder's List.
- Bids for \$100,000.00 or more must be accompanied with a bid security of 5% of the total bid amount. This can be in the form of a Bid Bond, Certified Check, Cashier's Check or Cash. If your firm is the low bidder, Performance and Payment Bonds of 100% of the bid amount are required in order to execute the contract.
- Contract solicitations are placed on the eMaryland Marketplace website a minimum of 20 days prior to Bid Opening.
- A "Bid Board" is located at the Stop In Center located at Francis Scott Key Bridge in the building, 303 Authority Drive, Baltimore, MD 21222, in which advertisements are posted for all Construction Projects.
- Report publishing organizations and trade journals that pick up our Contract Advertisements are: The Maryland Highway Contractors Association, Inc., 2408 Peppermill Drive, Suite F, Glen Burnie, MD 21061, 410-760-9505; and McGraw Hill/Dodge Reports, 8501 LaSalle Road, Suite 204, Towson, MD 21286, 410-821-8046.
- Contact the Office of Procurement & Statutory Program Compliance at (410) 537-7800, to purchase an Invitation for Bids package for an advertised project or to obtain a copy of the list of purchasers of bid packages. Bid package information and lists of purchasers can also be found at [www.mdt.maryland.gov](http://www.mdt.maryland.gov) under Business with MdTA and Construction, by contract number.
- The Standard Specifications for Construction & Materials costs \$30.00, plus \$5.50 per copy, for shipping & handling. To order this manual, please send a check payable to the State Highway Administration, in care of the Cashier's Office, 211 E. Madison Street, Baltimore, MD 21202. Upon receiving the check, this Administration will forward a specification book to your firm.
- If you feel your company may qualify as a Minority Business Enterprise, contact: Minority Business Enterprise Officer, Maryland Department of Transportation, P.O. Box 8755, BWI Airport, Baltimore, MD 21240, 410-865-1241.
- All successful bidders must be registered with the Maryland State Department of Assessments and Taxation, 301 W. Preston Street, Baltimore, MD 21201, 410-767-1350 and possess a valid State of Maryland Construction License. For details on obtaining the construction license, please call the State of Maryland License Bureau at 410-767-1550. Internet site [www.sdat.state.md.us](http://www.sdat.state.md.us)
- For other information pertaining to regulations in this state, you may need to contact the Maryland Department of Labor, Licensing and Regulation at 410-333-6200. Internet site [www.dlir.state.md.us](http://www.dlir.state.md.us), the Maryland Department of the Environment at 410-631-3000 and to obtain a Federal ID Number, call the Internal Revenue Service at 1-800-829-1040.



If you have any further questions about bidding with the Maryland Transportation Authority please contact Ms. Maggie Johnson at the Office of Procurement & Statutory Program Compliance, 300 Authority Drive, Baltimore, MD 21222, (410) 537-7800 or 1-888-754-0098.

Thank you for your interest in the Maryland Transportation Authority.

LIST OF PURCHASERS OF INVITATION FOR BIDS

Contract No.: KH 2263-000-002  
 Bid Opening Date: October 27, 2009

Price: \$50.00  
 Class: B

Dvorak, LLC 9004-F Yellow Brick Rd. Baltimore, MD. 21237 P: (410) 686-8727 F: (410) 686-8729	Midasco, LLC 7121 Dorsey Run Rd. Elkridge, MD. 21075 P: (410) 579-6719 F: (410) 579-6795	G. A. Vietri, Inc. Electrical Construction 105 Independence Way Coatesville, PA. 19320 P: (610) 857-1110 F: (610) 857-1191
CCI Systems, Inc. 105 Kent St. Iron Mountain, MI 49801 P: (410) 538-6992 F: (410) 538-6435	The Chappy Corporation 90 Spencer Ave. Chelsea, MA. 02150 P: (617) 884-2525 F: (617) 884-6723	Glenelg Construction 650 Long Corner Rd. Mount Airy, MD. 21771 P: (301) 703-4397 F: (301) 829-3698
Collinson, Inc. 1773 Pottstown Pike Glenmore, PA. 19343 P: (610) 469-9677 x 3042 F: (610) 469-9470	John W. Tieder, Inc. Electrical Contractor 736 Woods Rd. Cambridge, MD 21613 P: (410) 228-5262 F: (410) 228-6402	Carr & Duff, Inc. 2100 Byberry Rd. Huntington Valley, PA. 19006 P: (215) 672-4200 F: (215) 675-9800
Bo Mark Electric Company 11408 Cronridge Dr. Suite J Owings Mills, MD 21117 P: (410) 998-1002 F: (410) 998-1121		